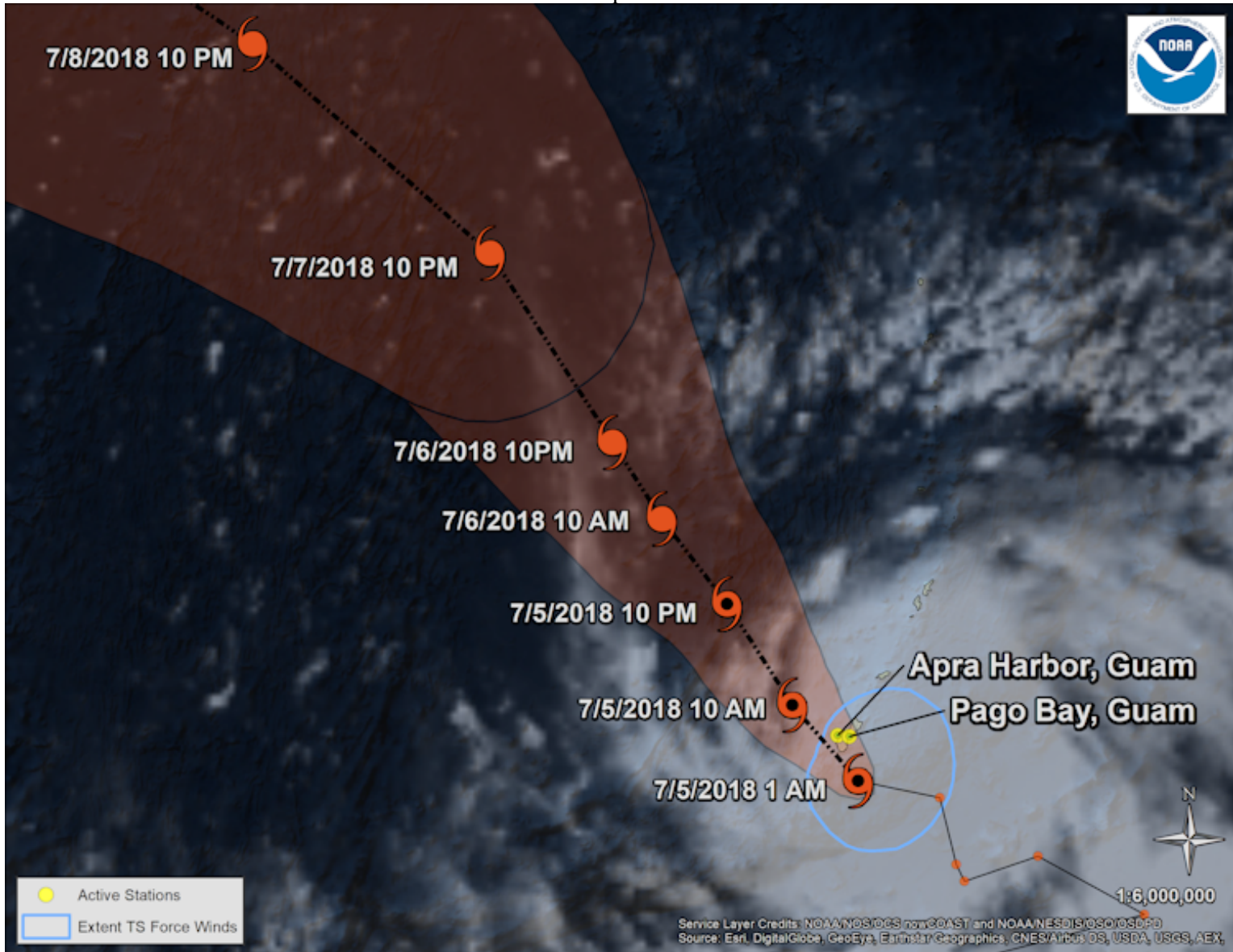




Tropical Storm Maria QuickLook Posted: 02:00 ChST 07/05/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 7/5/2018 02:00 ChST, water levels in Guam are slightly elevated about 0.5 - 1.3 ft above normal tide levels. Wind speeds are currently running 15-30 knots with higher gusts. Barometric pressure has decreased fairly rapidly in the last several hours as Maria approaches.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CRD

Select National Weather Service Guam Advisory Information:TROPICAL STORM MARIA (10W) ADVISORY
NUMBER 8
NATIONAL WEATHER SERVICE TIYAN GUAM
150 AM ChST Thu Jul 5 2018

...10W NOW TROPICAL STORM MARIA...

Watches and warnings

A tropical storm warning remains in effect for Guam, Rota and adjacent waters. Tropical storm conditions, including damaging winds of 39 mph or more, are occurring this morning.

A tropical storm watch remains in effect for Tinian, Saipan and adjacent waters. Tropical storm conditions, including damaging winds of 39 mph or more remain possible later today.

Summary of 1 AM CHST....Information

Location...12.8N 145.2E

About 55 miles southeast of Guam
About 90 miles south of Rota

Maximum sustained winds...40 mph
Present movement...west-northwest...290 degrees at 8 mph

Discussion and outlook

At 100 AM CHST..the center of Tropical Storm Maria (10W) was located by radar near Latitude 12.8 North and Longitude 145.2 East. Tropical Storm Maria is moving toward the west-northwest at 8 mph. It is expected to turn more toward the northwest with little change in forward speed over the next 24 hours. This forecast track brings Maria very close to the southern tip of Guam later this morning.

Maximum sustained winds have increased to 40 mph. Tropical Storm Maria is forecast to continue to intensify through the weekend, possibly becoming a typhoon Friday.

Next advisory

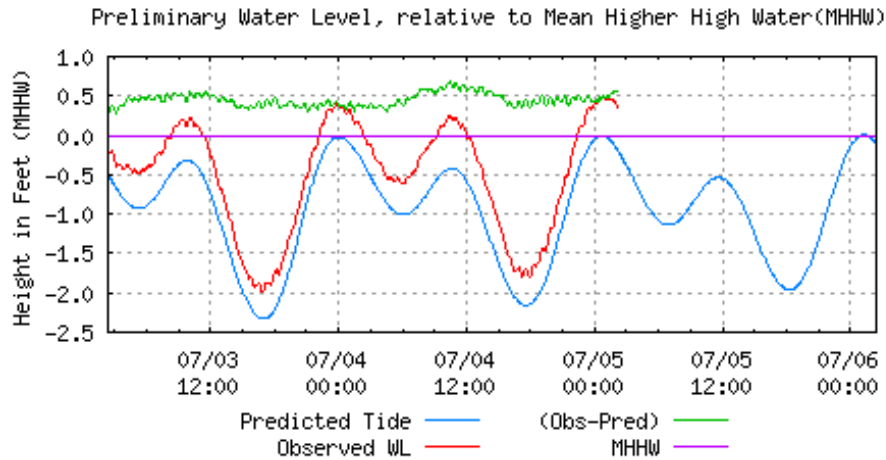
An intermediate advisory will be issued by the National Weather Service at 500 AM this morning followed by the next scheduled advisory at 800 AM.

Kleeschulte

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#), [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



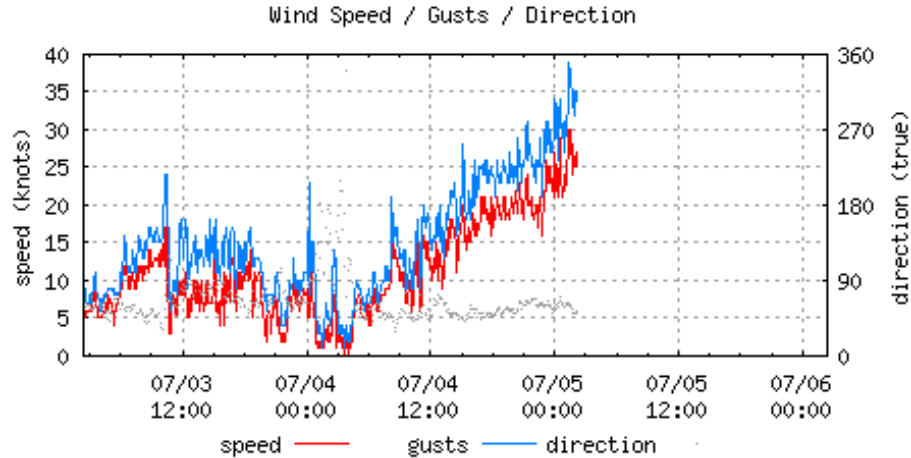
Last Observed Sample: 07/05/2018 02:12 (ChST). Data relative to MHHW

Observed: 0.36 ft. Predicted: -0.20 ft. Residual: 0.56 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 07/05/2018 11:37 (ChST), -0.53 ft.

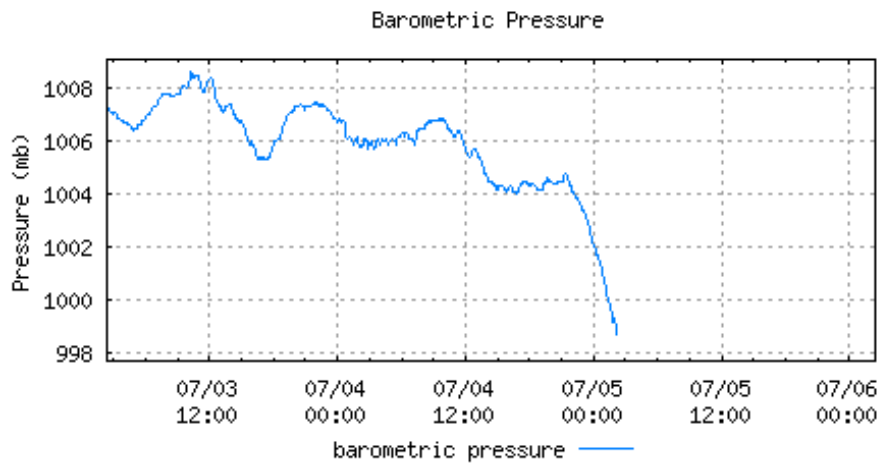
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 07/05/2018 02:12 (ChST)

Wind Speed: 25 knots Gusts: 35 knots Direction: 51° T

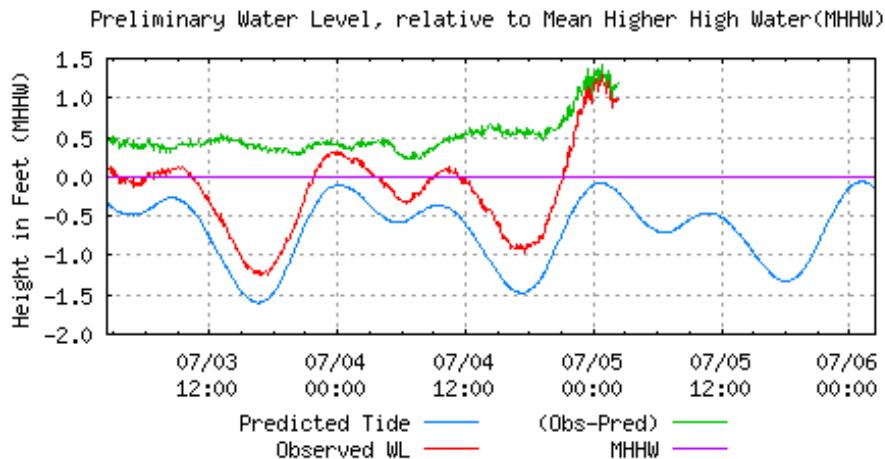
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 07/05/2018 02:12 (ChST)

Barometric Pressure: 998.7 mb

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



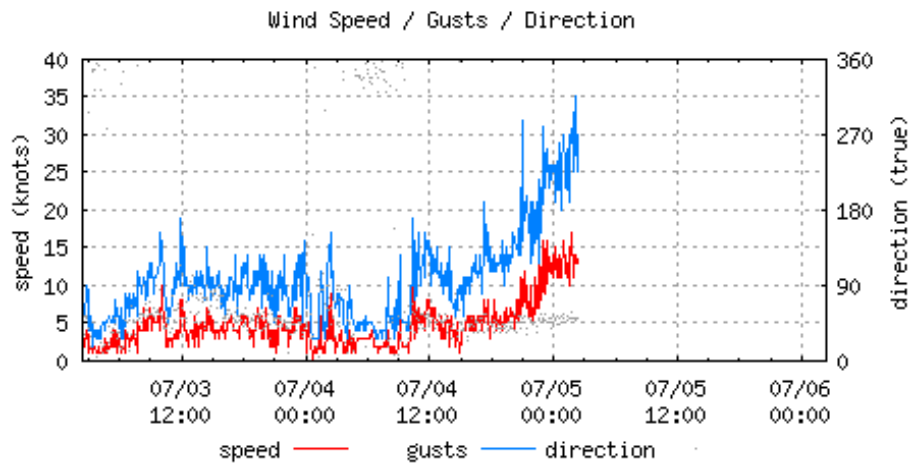
Last Observed Sample: 07/05/2018 02:18 (ChST). Data relative to MHHW

Observed: 0.99 ft. Predicted: -0.20 ft. Residual: 1.19 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 07/05/2018 10:41 (ChST), -0.47 ft.

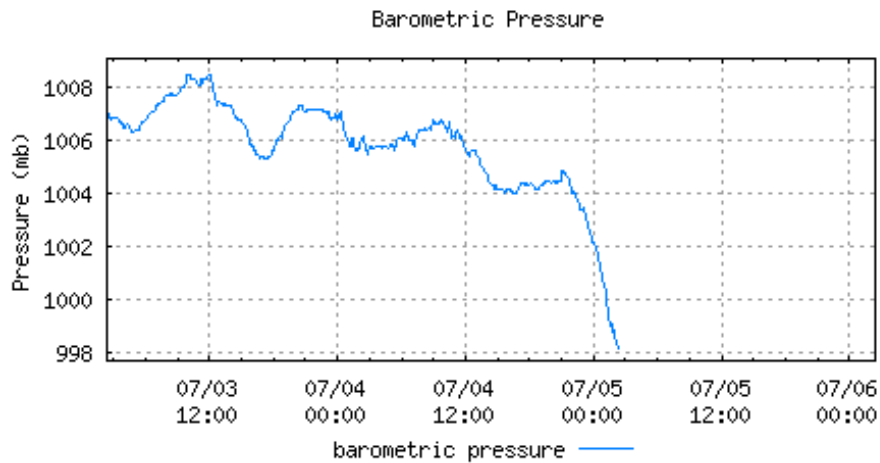
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 07/05/2018 02:18 (ChST)

Wind Speed: 13 knots Gusts: 25 knots Direction: 50° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 07/05/2018 02:18 (ChST)

Barometric Pressure: 998.2 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1630000	Apra Harbor, Guam	07/05/2018 02:12 (ChST)	0.36 ft	-0.20 ft	0.56 ft	0.48 ft
1631428	Pago Bay, Guam	07/05/2018 02:18 (ChST)	0.99 ft	-0.20 ft	1.19 ft	1.33 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce